



Substitute for form 1449A/PTO				<b>Complete if Known</b>	
				Application Number	10/644,406
				Filing Date	August 19, 2003
				First Named Inventor	NIEMEYER, GUNTER D.
				Art Unit	2125
				Examiner Name	Garland
Sheet	1	of	2	Attorney Docket Number	017516-002130US

<b>U.S. PATENT DOCUMENTS+</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	1	5,053,976	10-01-1991	Nose et al.	
	2	5,631,973	05-20-1997	Green	
	3	5,808,665	09-15-1998	Green	

<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
	4	WO	97/29690	08-21-1997	Computer Motion, Inc.	<input type="checkbox"/>
	5	WO	97/43942	11-27-1997	Intuitive Surgical, Inc.	<input type="checkbox"/>
	6	WO	97/43943	11-27-1997	Intuitive Surgical, Inc.	<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO				<b><i>Complete if Known</i></b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/644,406
(use as many sheets as necessary)				Filing Date	August 19, 2003
				First Named Inventor	NIEMEYER, GUNTER D.
				Art Unit	2125
				Examiner Name	Garland
Sheet	2	of	2	Attorney Docket Number	017516-002130US

<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	7	BAUMANN, Thesis No. 1734 entitled "Haptic interface for virtual reality based laparoscopic surgery training environment" for Master of Science in Computer and Systems Engineering, Rensselaer Polytechnic Institute, USA (1997) pp. 98-103.		T <sup>2</sup>
	8	KOMADA et al. "Bilateral robot hand based on estimated force feedback" Proceedings IECON '87, Cambridge, MA, November 3-6, 1987, pp. 602-607.		
	9	LAZAREVIC, "Feasibility of a Stewart Platform with Fixed Actuators as a Platform for CABG Surgery Device" Master's Thesis, Columbia University, Department of Bioengineering, pp. 1-45		
	10	MADHANI, Dissertation entitled Design of Teleoperated Surgical Instruments for Minimally Invasive Surgery, Mass. Institute of Tech. (©Feb. 1998)		
	11	NEISUS et al., "Robotic manipulator for endoscopic handling of surgical effectors and cameras," 1st Intl. Symposium on Medical Robotics and Computer Assisted Surgery, Workshop (Part I & II)--Session VI, Pittsburgh, Pennsylvania (Sep. 22-24, 1994) vol. 2, pp. 169-175.		
	12	THRING, "Robots and telechirs: Manipulators with memory; remote manipulators; machine limbs for the handicapped" (1993) M.W. Thring/Ellis Horwood Ltd. pp. 9-11, 122-131, 194-195, 235-257, 274-279		

Examiner Signature	Date Considered
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